

8914899 GAGE-1 VAOTGILWLMNCLNLSPRKP

FIGURE 1

FIGURE 2A

g4999122	MAGE-3B	1FATCLGLSYDGGLLGDNOIMPKTFGLLIIIAIIIAKEGDCAPEEKIWIWEELSYLEVFEGERD
g9533523	MAGE-6	1FATCLGLSYDGGLLGDNOIMPKTFGLLIIIAIIIAKEGDCAPEEKIWIWEELSYLEVFEGERD
g97280335	MAGE-A3	1FATCLGLSYDGGLLGDNOIMPKAGLIIIVLIAIIIAREGDCAPEEKIWIWEELSYLEVFEGERD
g9468826	MAGE-3	1FATCLGLSYDGGLLGDNOIMPKAGLIIIVLIAIIIAREGDCAPEEKIWIWEELSYLEVFEGERD
g97280334	MAGE-A2b	1LVTCLGLSYDGGLLGDNOQMPKTFGLLIIIVLIAIIIAEGDCAPEEKIWIWEELSYLEVFEGERD
g97280332	MAGE-A2a	1LVTCLGLSYDGGLLGDNOQMPKTFGLLIIIVLIAIIIAEGDCAPEEKIWIWEELSYLEVFEGERD
g9436181	MAGE-2	1LVTCLGLSYDGGLLGDNOQMPKTFGLLIIIVLIAIIIAEGDCAPEEKIWIWEELSYLEVFEGERD
g97280333	MAGE-A12	1LVTCLGLSYDGGLLGDNOQVPKTFGLLIIIVLIAIIIAKEGDCAPEEKIWIWEELSYLEASDGRED
g4999346	MAGE-12	1LVTCLGLSYAGLGLGDNOQVPKTFGLLIIIVLIAIIIAKEGDSASEEEIWEELGVMGVYDGREH
g9533517	MAGE-4b	1LVTCLGLSYDGGLLGDNOQFPKTFGLLIIIVLGTIAMEGDSASEEEIWEELGVMGVYDGREH
g9499124	MAGE-X2	1LVTCLGLSYDGGLLGDNOQFPKTFGLLIIIVLGTIAMEGDSASEEEIWEELGVMGVYDGREH
g91125018	MAGE-41	1LVTCLGLSYDGGLLGDNOQFPKTFGLLIIIVLGTIAMEGDSASEEEIWEELGVMGVYDGREH
g9533515	MAGE-4a	1LVTCLGLSYDGGLLGDNOQFPKTFGLLIIIVLGTIAMEGDSASEEEIWEELGVMGVYDGREH
g91125014	MAGE-4	1LVTCLGLSYDGGLLGDNOQFPKTFGLLIIIVLGTIAMEGDSASEEEIWEELGVMGVYDGREH
g9533513	MAGE-11	1LVTSLNLSDGQIQCNEQSMPKSGLIIIVLGVILTKDNCAPEEVIVEALSVMGVYVGKEH
g9533528	MAGE-9	1LVTALGLSCDSMLGDGHSMPKAALLIIVLGVILTKDNCAPEEVIVEALSVMGVYVGKEH
1471808CB1+1_ORF1		1FATCLGLSYDGGLLGDNOIMPKTFGLLIIIAIIIAKEGDCAPEEKIWIWEELSYLEVFEGERD
1097797.1+1_ORF1		1LVTALGLSCDSMLGDGHSMPKAALLIIVLGVILTKDNCAPEEVIVEALSVMGVYVGKEH

FIGURE 2B

SIFGDPKKLTTQFYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHMVKISGG SIFGDPKKLTTQFYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHMVKISGG SILGDPKKLTTQFYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHMVKISGG SILGDPKKLTTQFYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHMVKISGG	MAGE-3B MAGE-6 MAGE-A3 MAGE-3
SVAHPRKLLMQDLYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHLKLIGGE SVAHPRKLLMODLYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHLKLIGGE	MAGE-A2b MAGE-A2a
SVAHPRKLLTQDLYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHLKLIGGE SVAHPRKLLTQDLYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHLKLIGGE	MAGE-2 MAGE-3
SVAHPRKLLTQDLYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHLKLIGGE SVAHPRKLLTQDLYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHLKLIGGE	MAGE-A12 MAGE-A12
SVAHPRKLLTQDLYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHLKLIGGE SVAHPRKLLTQDLYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHLKLIGGE	MAGE-12 MAGE-12
TVYGEPRKLTTQDWVQENYLEYRQVPGSNPARYEFLWGPRLAETSYVKVLHHVVRVNAR TVYGEPRKLTTQDWVQENYLEYRQVPGSNPARYEFLWGPRLAETSYVKVLHHVVRVNAR	MAGE-4b MAGE-X2
TVYGEPRKLTTQDWVQENYLEYRQVPGSNPARYEFLWGPRLAETSYVKVLHHVVRVNAR TVYGEPRKLTTQDWVQENYLEYRQVPGSNPARYEFLWGPRLAETSYVKVLHHVVRVNAR	MAGE-41 MAGE-41
TVYGEPRKLTTQDWVQENYLEYRQVPGSNPARYEFLWGPRLAETSYVKVLHHVVRVNAR TVYGEPRKLTTQDWVQENYLEYRQVPGSNPARYEFLWGPRLAETSYVKVLHHVVRVNAR	MAGE-4a MAGE-4
FLFGEPRKLTTQDWVQENYLEYRQVPGSDPACYEFLWGPRAETSKMKVLEYIANANGR MFYGEPRKLTTQDWVQENYLEYRQVPGSDPACYEFLWGSKAHAETSYEVINYLVMLNAR	MAGE-11 MAGE-9
SILGDPKKLTTQFYQENYLEYRQVPGSDPACYEFLWGPRLAETSYVKVLHHMVKISGG MFYGEPRKLTTQDWVQENYLEYRQVPGSDPACYEFLWGSKAHAETSYEVINYLVMLNAR	11471808CB1+1_ORF1 11097797.1+1_ORF1
PRISYPLHEWALREGEE-- PRISYPLHEWALREGEE-- PHISYPPHEWVLREGEE-- PHISYPPHEWVLREGEE-- PHISYPPHERALREGEE-- PHISYPPHERALREGEE-- PHISYPPHERALREGEE-- PHISYPPHERALREGEE-- PHISYPPHERALREGEE-- PHISYPPHERALREGEE-- PHISYPPSLREAAALLEEEVG VRIAYPSLREAAALLEEEVG VRIAYPSLREAAALLEEEVG VRIAYPSLREAAALLEEEVG DPTSYPSLSDYEDALREEGEV EPICYPSLSDYEVLGEEQEGV PRISYPLHEWALREGEE-- EPICYPSLSDYEVLGEEQEGV	MAGE-3B MAGE-6 MAGE-A3 MAGE-3 MAGE-A2b MAGE-A2a MAGE-2 MAGE-A12 MAGE-12 MAGE-4b MAGE-X2 MAGE-41 MAGE-4a MAGE-4 MAGE-11 MAGE-9 MAGE-11 MAGE-9 11471808CB1+1_ORF1 11097797.1+1_ORF1

FIGURE 2C